

Erythromycin thiocyanate in grams per ton	Combination in grams per ton	Indications for use	Limitations	Sponsor
(ii) 9.25 to 18.5	Turkeys; growth promotion and feed efficiency.	For turkeys not over 12 weeks of age.	050604
(iii) 9.25 to 64.75	Swine; increase in weight gain, improved feed efficiency in starter pigs (9.25 to 64.75) and grower-finishing pigs (9.25).	Starter ration for animals up to 35 lb body weight.	050604
(iv) 18.5	Laying chickens; aids in increasing egg production.	050604
(v) 92.5	1. Chickens; as an aid in the prevention of chronic respiratory disease during periods of stress. 2. Chickens; as an aid in the prevention of infectious coryza. 3. Turkeys; as an aid in the prevention of chronic respiratory disease during periods of stress.	Feed for 2 d before stress and 3 to 6 d after stress; withdraw 24 h before slaughter. Feed for 7 to 14 d; withdraw 24 h before slaughter. Feed for 2 d before stress and 3 to 6 d after stress.	050604
(vi) 185	1. Chickens; as an aid in the prevention and reduction of lesions and in lowering severity of chronic respiratory disease. 2. Turkeys; as an aid in the prevention and reduction of lesions and in lowering severity of chronic respiratory disease.	Feed for 5 to 8 d; do not use in birds producing eggs for food purposes; withdraw 48 h before slaughter. Feed for 5 to 8 d; do not use in birds producing eggs for food purposes.	050604 050604

(2) In feed for feedlot beef cattle at 37 milligrams per head per day as an aid in stimulating growth and improving feed efficiency.

(3) Erythromycin thiocyanate may be used in accordance with the provisions of this section in the combinations provided as follows:

(i) Amprolium in accordance with § 558.55.

(ii) Amprolium and ethopabate in accordance with § 558.58.

(iii) Arsanilic acid in accordance with § 558.62.

(iv) Zoalene in accordance with § 558.680.

[41 FR 10999, Mar. 15, 1976, as amended at 45 FR 56799, Aug. 26, 1980; 49 FR 31281, Aug. 6, 1984; 51 FR 7397, Mar. 3, 1986; 52 FR 2684, Jan. 26, 1987; 54 FR 12189, Mar. 24, 1989]

§ 558.254 Famphur.

(a) *Approvals.* Type A medicated articles: 13.2 and 33.3 percent to 011716 in § 510.600(c) of this chapter.

(b) *Special considerations.* Famphur is a cholinesterase inhibitor. Do not use this product in animals simultaneously or within a few days before or after treatment with or exposure to cholinesterase-inhibiting drugs, pesticides, or chemicals.

(c) *Related tolerances.* See 40 CFR 180.233.

(d) *Conditions of use.* It is used in the feed for cattle as follows:

(1) *Amount.* 1.1 milligrams per pound body weight per day.

(i) *Indications for use.* For control of grubs and as an aid in control of sucking lice.

(ii) *Limitations.* For beef cattle and nonlactating dairy cows; feed for 30 days; withdraw from dry dairy cows and heifers 21 days prior to freshening; withdraw 4 days prior to slaughter.

(2) *Amount.* 2.3 milligrams per pound body weight per day.

(i) *Indications for use.* For control of grubs.

(ii) *Limitations.* For beef cattle and nonlactating dairy cows; feed for 10 days; withdraw from dry dairy cows and heifers 21 days prior to freshening; withdraw 4 days prior to slaughter.

[41 FR 11000, Mar. 15, 1976, as amended at 51 FR 7397, Mar. 3, 1986; 57 FR 7652, Mar. 4, 1992]

§ 558.258 Fenbendazole.

(a) *Approvals.* Type A medicated articles: 4 percent (18.1 grams per pound), 8 percent (36.2 grams per pound), and 20 percent (90.7 grams per pound)

fenbendazole and all combinations provided for in this section to 012799 in § 510.600(c) of this chapter.

(b) *Related tolerances.* See § 556.275 of this chapter.

(c) *Conditions of use.* (1) It is used in swine feed as follows:

(i) *Amount.* Fenbendazole, 10 to 80 grams per ton (to provide 9 milligrams per kilogram of body weight) given over a 3- to 12-day period.

(A) *Indications for use.* For the removal of: adult stage lungworms (*Metastrongylus apri* and *M. pudendotectus*); adult and larvae (L3, 4 stages—liver, lung, intestinal forms) large roundworms (*Ascaris suum*); adult stage nodular worms (*Oesophagostomum dentatum*, *O. quadrispinulatum*); small stomach worms (*Hyostrongylus rubidus*); adult and larvae (L2, 3, 4 stages—intestinal mucosal forms) whipworms (*Trichuris suis*); adult and larvae kidney worms (*Stephanurus dentatus*).

(B) Feed as sole ration.

(ii) *Amount.* Fenbendazole 10 to 80 grams per ton (to provide 9 milligrams per kilogram body weight) and lincomycin 20 grams per ton.

(A) *Indications for use.* As an anthelmintic (as provided in paragraph (c)(1)(i)(A) of this section) and for increased rate of gain in growing-finish swine.

(B) *Limitations.* Feed as sole ration. Do not feed to swine that weigh more than 250 pounds; as lincomycin provided by 000009 in § 510.600(c) of this chapter.

(iii) *Amount.* Fenbendazole 10 to 80 grams per ton (to provide 9 milligrams per kilogram body weight) and lincomycin 40 grams per ton.

(A) *Indications for use.* As an anthelmintic (as provided in paragraph (c)(1)(i)(A) of this section) and for control of swine dysentery in animals on premises with a history of swine dysentery, but where symptoms have not yet occurred.

(B) *Limitations.* Feed as sole ration. Do not feed to swine that weigh more than 250 pounds; as lincomycin provided by 000009 in § 510.600(c) of this chapter.

(iv) *Amount.* Fenbendazole 10 to 80 grams per ton (to provide 9 milligrams per kilogram body weight) and lincomycin 100 grams per ton.

(A) *Indications for use.* As an anthelmintic (as provided in paragraph (c)(1)(i)(A) of this section) and for the treatment of swine dysentery.

(B) *Limitations.* Feed as sole ration. Do not use within 6 days of slaughter. Do not feed to swine that weigh more than 250 pounds; as lincomycin provided by 000009 in § 510.600(c) of this chapter.

(v) *Amount.* Fenbendazole 10 to 80 grams per ton (to provide 9 milligrams per kilogram body weight) and lincomycin 200 grams per ton.

(A) *Indications for use.* As an anthelmintic (as provided in paragraph (c)(1)(i)(A) of this section) and for reduction in the severity of swine mycoplasmal pneumonia caused by *Mycoplasma hyopneumoniae*.

(B) *Limitations.* Feed as sole ration. Do not use within 6 days of slaughter. Do not feed to swine that weigh more than 250 pounds; as lincomycin provided by 000009 in § 510.600(c) of this chapter.

(2) It is used in cattle feed as follows:

(i) *Amount.* 5 milligrams fenbendazole per kilogram body weight (2.27 milligrams per pound).

(ii) *Indications for use.* For the removal and control of lungworms (*Dictyocaulus viviparus*); barberpole worms (*Haemonchus contortus*); brown stomach worms (*Ostertagia ostertagi*); small stomach worms (*Trichostrongylus axei*); hookworms (*Bunostomum phlebotomum*); thread-necked intestinal worms (*Nematodirus helvetianus*); small intestinal worms (*Cooperia punctata*).

(iii) *Limitations.* Feed as sole ration for one day. Do not use within 13 days of slaughter. Do not use in dairy cattle of breeding age.

(3) It is used in free-choice cattle feed as follows:

(i) *Amount.* 5 milligrams fenbendazole per kilogram body weight (2.27 milligrams per pound).

(ii) *Indications for use.* For the removal and control of infections of lungworms (*Dictyocaulus viviparus*), barberpole worms (*Haemonchus contortus*), brown stomach worms (*Ostertagia ostertagi*), small stomach worms (*Trichostrongylus axei*), hookworms (*Bunostomum phlebotomum*), thread-necked intestinal worms

(*Nematodirus helvetianus*), small intestinal worms (*Cooperia oncophora* and *C. punctata*), bankrupt worms (*Trichostrongylus colubriformis*), and nodular worms (*Oesophagostomum radiatum*) in cattle.

(iii) *Limitations*. Feed a total of 5 milligrams of fenbendazole per kilogram (2.27 milligrams per pound) of body weight to cattle over a 3 to 6 day period. Retreatment may be needed after 4 to 6 weeks. Do not slaughter within 13 days following last treatment. Do not use in dairy cattle of breeding age. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism.

(iv) May be fed in a Type C feed as follows:

Ingredient	Percent	Inter-national feed No.
(A) Ingredient:		
Copper sulfate	0.45	6-01-720
Dried Cane Molasses	3.12	4-04-695
Monosodium phosphate	31.16	6-04-288
Salt (sodium chloride)	59.00	6-04-152
Zinc sulfate	0.76	6-05-556
Fenbendazole Type A article (200 grams per kilogram)	5.51	
(B) Ingredient:		
Dicalcium phosphate	32.31	6-00-080
Limestone	17.13	6-02-632
Magnesium oxide	9.79	6-02-756
Zinc sulfate	1.47	6-05-556
Copper sulfate	0.29	6-01-720
Potassium iodide	0.0098	6-03-759
Dried Cane Molasses	0.98	4-04-695
Selenium	0.0002	
Salt	35.93	6-04-152
Fenbendazole Type A article (200 grams per kilogram)	2.09	

(C) The content of any added vitamin and trace mineral may be varied; however, they should be comparable to those used by the firm for other free-choice feeds. Formulation modifications require FDA approval prior to marketing. The amount of selenium must comply with published regulations.

(4) *Zoo and wildlife animals*. For removal and control of internal parasites in hoofed zoo and wildlife animals as follows:

(i) *Feral swine (Suis scrofa)*: 3 milligrams per kilogram per day for 3 days. Treatment for kidney worm (*Stephanurus dentatus*), roundworm

(*Ascaris suum*), nodular worm (*Oesophagostomum dentatum*).

(ii) *Ruminants* (subfamily *Antilopinae*, *Hippotraginae*, *Caprinae*): 2.5 milligrams per kilogram per day for 3 days. Treatment for small stomach worm (*Trichostrongylus* spp.), thread necked intestinal worm (*Nematodirus* spp.), barberpole worm (*Haemonchus* spp.), whipworm (*Trichuris* spp.).

(iii) *Rocky mountain bighorn sheep (Ovis c. canadensis)*: 10 milligrams per kilogram per day for 3 days. Treatment and control of *Protostrongylus* spp.

(iv) *Limitations*. Use as complete feed. Prior withdrawal of feed or water is not necessary. Retreatment may be required in 6 weeks. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism. Do not use 14 days before or during the hunting season.

[49 FR 3846, Jan. 31, 1984, as amended at 51 FR 7397, Mar. 3, 1986; 53 FR 14788, Apr. 26, 1988; 54 FR 36963, Sept. 6, 1989; 55 FR 48231, Nov. 20, 1990; 57 FR 34516, Aug. 5, 1992; 58 FR 47973, Sept. 13, 1993; 59 FR 35252, July 11, 1994]

§ 558.265 Halofuginone hydrobromide.

(a) *Approvals*. Type A medicated articles: 6 grams per kilogram (2.72 grams per pound) to 012579 in § 510.600(c) of this chapter.

(b) *Related tolerances*. See § 556.308 of this chapter.

(c) *Conditions of use*. (1) It is used in feed for broiler chickens as follows:

(i) *Amount*. 2.72 grams per ton.

(A) *Indications for use*. For the prevention of coccidiosis caused by *Eimeria tenella*, *E. necatrix*, *E. acervulina*, *E. brunetti*, *E. mivati*, and *E. maxima*.

(B) *Limitations*. Feed continuously as sole ration; withdraw 4 days before slaughter; do not feed to layers; avoid contact with skin, eyes, or clothing; keep out of lakes, ponds, or streams.

(ii) *Amount per ton*. Halofuginone 2.72 grams (0.0003 percent) plus bambermycins 1 to 2 grams.

(A) *Indications for use*. For the prevention of coccidiosis caused by *Eimeria tenella*, *E. necatrix*, *E. acervulina*, *E. brunetti*, *E. mivati*, and *E. maxima*; for increased rate of weight gain and improved feed efficiency.

(B) *Limitations*. Feed continuously as sole ration; withdraw 5 days before slaughter; do not feed to layers.